

Live Births Delivered by Cesarean, San Diego County Residence

By Demographic Characteristics of Mother or Characteristics of Birth

	2005			2006			2007		
	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean
San Diego County	13,888	45,897	30.3	14,665	46,876	31.3	15,533	47,545	32.7
Health & Human Services Agency Region of Mother									
North Coastal	2,029	7,506	27.0	2,247	7,884	28.5	2,355	7,935	29.7
North Inland	2,507	8,133	30.8	2,645	8,446	31.3	2,778	8,311	33.4
North Central	2,319	7,020	33.0	2,370	7,214	32.9	2,661	7,516	35.4
Central	2,367	7,943	29.8	2,356	7,875	29.9	2,503	8,044	31.1
East	1,914	6,388	30.0	2,098	6,419	32.7	2,150	6,645	32.4
South	2,685	8,660	31.0	2,907	8,854	32.8	2,990	8,830	33.9
Unknown	67	247	27.1	42	184	22.8	96	264	36.4
Race/Ethnicity of Mother									
African-American/Black	697	2,123	32.8	758	2,183	34.7	720	1,986	36.3
Asian	1,340	4,233	31.7	1,455	4,377	33.2	1,468	4,283	34.3
Hispanic	5,869	20,300	28.9	6,144	20,532	29.9	6,762	21,444	31.5
Native American/Alaskan	49	207	23.7	61	183	33.3	58	197	29.4
Pacific Islander	97	304	31.9	93	286	32.5	107	291	36.8
White	4,791	15,275	31.4	4,900	15,323	32.0	4,870	14,893	32.7
Other	<5	7	*	<5	5	*	<5	10	*
Two or More Races	195	758	25.7	249	833	29.9	278	926	30.0
Unknown	847	2,690	31.5	1,003	3,154	31.8	1,266	3,515	36.0
Nativity of Mother									
U.S. born	7,904	26,292	30.1	8,408	26,919	31.2	8,803	27,443	32.1
Foreign born	5,977	19,574	30.5	6,257	19,947	31.4	6,725	20,092	33.5
Unknown	7	31	22.6	<5	10	*	5	10	50.0

	2005			2006			2007		
	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean
Age of Mother									
Under 15	8	51	15.7	12	51	23.5	10	47	21.3
15-19	642	3,635	17.7	752	3,789	19.8	824	3,907	21.1
20-24	2,461	10,592	23.2	2,672	10,775	24.8	2,760	10,678	25.8
25-29	3,332	11,942	27.9	3,600	12,413	29.0	3,960	12,858	30.8
30-34	4,063	11,671	34.8	4,030	11,494	35.1	4,296	11,816	36.4
35-39	2,562	6,351	40.3	2,742	6,607	41.5	2,814	6,578	42.8
40-44	748	1,521	49.2	753	1,589	47.4	776	1,510	51.4
45+	72	128	56.3	104	156	66.7	93	151	61.6
Unknown	<5	6	*	<5	<5	*	<5	<5	*
Educational Attainment of Mother									
12th grade or less, no diploma	NA	NA	NA	2,916	10,506	27.8	2,306	7,844	29.4
High school graduate/GED	NA	NA	NA	2,295	8,240	27.9	3,098	10,554	29.4
Some college or associate's degree	NA	NA	NA	3,260	10,069	32.4	3,348	10,159	33.0
Bachelor's degree or higher	NA	NA	NA	4,208	11,918	35.3	4,509	12,177	37.0
Unknown	NA	NA	NA	1,986	6,143	32.3	2,272	6,811	33.4
Birth Multiplicity									
Singleton	12,830	44,475	28.8	13,426	45,227	29.7	14,284	45,966	31.1
Twin	968	1,330	72.8	1,156	1,562	74.0	1,145	1,471	77.8
Triplet	83	83	100.0	74	78	94.9	104	108	96.3
Higher order	7	9	77.8	9	9	100.0	<5	<5	*
Unknown	<5	<5	*	<5	<5	*	<5	<5	*

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	2008			2009			2010		
	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean
San Diego County	15,487	46,742	33.1	14,705	44,960	32.7	14,925	44,838	33.3
Health & Human Services Agency Region of Mother									
North Coastal	2,439	7,721	31.6	2,293	7,433	30.8	2,360	7,641	30.9
North Inland	2,667	8,153	32.7	2,578	7,844	32.9	2,573	7,738	33.3
North Central	2,522	7,399	34.1	2,416	7,241	33.4	2,553	7,408	34.5
Central	2,461	7,872	31.3	2,403	7,526	31.9	2,367	7,380	32.1
East	2,263	6,699	33.8	2,074	6,420	32.3	2,207	6,533	33.8
South	3,069	8,682	35.3	2,894	8,306	34.8	2,864	8,135	35.2
Unknown	66	216	30.6	47	190	24.7	<5	<5	*
Race/Ethnicity of Mother									
African-American/Black	720	2,017	35.7	689	1,943	35.5	703	1,945	36.1
Asian	1,486	4,373	34.0	1,439	4,266	33.7	1,599	4,363	36.6
Hispanic	6,668	20,891	31.9	6,275	19,669	31.9	6,103	19,280	31.7
Native American/Alaskan	48	187	25.7	63	207	30.4	57	188	30.3
Pacific Islander	91	265	34.3	81	251	32.3	93	266	35.0
White	4,763	14,446	33.0	4,543	14,291	31.8	5,003	15,143	33.0
Other	<5	7	*	<5	<5	*	<5	9	*
Two or More Races	303	996	30.4	302	962	31.4	351	1,115	31.5
Unknown	1,406	3,560	39.5	1,311	3,367	38.9	1,013	2,529	40.1
Nativity of Mother									
U.S. born	8,912	27,514	32.4	8,692	27,478	31.6	9,028	28,097	32.1
Foreign born	6,573	19,214	34.2	6,012	17,476	34.4	5,897	16,734	35.2
Unknown	<5	14	*	<5	6	*	<5	7	*

	2008			2009			2010		
	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean	Cesarean Births	Total Births	Percent Cesarean
Age of Mother									
Under 15	9	44	20.5	<5	34	*	5	29	17.2
15-19	793	3,882	20.4	745	3,548	21.0	627	3,163	19.8
20-24	2,756	10,326	26.7	2,560	9,704	26.4	2,432	9,445	25.7
25-29	3,971	12,699	31.3	3,757	12,135	31.0	3,826	12,061	31.7
30-34	4,230	11,672	36.2	4,075	11,405	35.7	4,332	11,943	36.3
35-39	2,847	6,426	44.3	2,734	6,469	42.3	2,775	6,434	43.1
40-44	763	1,500	50.9	737	1,499	49.2	810	1,581	51.2
45+	118	192	61.5	96	164	58.5	118	181	65.2
Unknown	<5	<5	*	<5	<5	*	<5	<5	*
Educational Attainment of Mother									
12th grade or less, no diploma	2,410	8,267	29.2	2,146	7,316	29.3	1,939	6,615	29.3
High school graduate/GED	3,106	10,554	29.4	3,111	10,205	30.5	3,147	10,398	30.3
Some college or associate's degree	3,666	10,815	33.9	3,351	10,420	32.2	3,644	11,093	32.8
Bachelor's degree or higher	4,461	12,240	36.4	4,305	11,983	35.9	4,786	12,999	36.8
Unknown	1,844	4,866	37.9	1,792	5,036	35.6	1,409	3,733	37.7
Birth Multiplicity									
Singleton	14,260	45,197	31.6	13,463	43,391	31.0	13,802	43,420	31.8
Twin	1,152	1,466	78.6	1,194	1,512	79.0	1,076	1,366	78.8
Triplet	71	75	94.7	48	57	84.2	47	52	90.4
Higher order	<5	<5	*	<5	<5	*	<5	<5	*
Unknown	<5	<5	*	<5	<5	*	<5	<5	*

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	2011		
	Cesarean Births	Births w/Known Delivery Method	Percent Cesarean
San Diego County	14,922	43,621	34.2
Health & Human Services Agency Region of Mother			
North Coastal	2,261	7,336	30.8
North Inland	2,604	7,507	34.7
North Central	2,675	7,431	36.0
Central	2,273	7,018	32.4
East	2,185	6,340	34.5
South	2,866	7,782	36.8
Unknown	58	207	28.0
Race/Ethnicity of Mother			
African-American/Black	733	1,969	37.2
Asian	1,632	4,488	36.4
Hispanic	6,263	18,695	33.5
Native American/Alaskan	60	193	31.1
Pacific Islander	84	234	35.9
White	5,191	15,531	33.4
Other	<5	<5	*
Two or More Races	369	1,110	33.2
Unknown	590	1,399	42.2
Nativity of Mother			
U.S. born	9,196	28,118	32.7
Foreign born	5,720	15,484	36.9
Unknown	6	19	31.6

	2011		
	Cesarean Births	Births w/Known Delivery Method	Percent Cesarean
Age of Mother			
Under 15	<5	18	*
15-19	562	2,732	20.6
20-24	2,372	8,877	26.7
25-29	3,695	11,723	31.5
30-34	4,553	12,151	37.5
35-39	2,823	6,406	44.1
40-44	813	1,549	52.5
45+	100	161	62.1
Unknown	<5	<5	*
Educational Attainment of Mother			
12th grade or less, no diploma	1,861	5,984	31.1
High school graduate/GED	3,161	10,138	31.2
Some college or associate's degree	3,888	11,410	34.1
Bachelor's degree or higher	5,023	13,658	36.8
Unknown	989	2,431	40.7
Birth Multiplicity			
Singleton	13,785	42,154	32.7
Twin	1,064	1,387	76.7
Triplet	73	80	91.3
Higher order	<5	<5	*
Unknown	<5	<5	*

Notes:

- Starting in 2011, births with unknown method of delivery were excluded from the denominator in percent calculations.
 - The large proportion of births with unknown race/ethnicity affects the accuracy of statistics by race/ethnicity.
 - The large proportion of births with unknown educational attainment affects the accuracy of statistics by educational attainment.
- *Numbers are censored and rates are not calculated when the number of events is fewer than 5 (indicated by "<5"). Interpret with caution rates calculated for fewer than 20 events since they are considered statistically unreliable.

Source: State of California, Department of Public Health, Health Information and Research Center, Birth Statistical Master Files.

Prepared by: County of San Diego, Health and Human Services Agency, Public Health Services, Maternal, Child & Family Health Services (MCFHS), 4/23/2013.